

ASSIGNMENT

WHEREAS, I, as below named inventors, residing at the addresses stated next to our names, am a sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of certain new and useful improvements in

MHP TELEVISION DEVICE AND GUI APPLICATION

for which application for Letters Patent of the United States of America was executed by me on the date indicated next to my name and address;

AND WHEREAS, SONY SERVICE CENTER (EUROPE) N.V., a Belgian corporation, with offices at Technologielaan 7, 1840 Londerzeel, Belgium (hereinafter referred to as ASSIGNEE) is desirous of acquiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all foreign countries;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, as a sole or joint inventor as indicated below, by these presents do hereby assign, sell and transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives, the entire right, title and interest in the said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of Patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue the said United States Letters Patent to said ASSIGNEE, as the assignee of the whole right, title and interest thereto;

And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE or its designee, as ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereto;

And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters patent which may be granted for my aforesaid invention, as the ASSIGNEE thereof shall hereafter require and prepare at its own expense;

And I further agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will testify as to the same in any interference or litigation related thereto;

And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

And I hereby authorize and request my attorney(s) of record in this application to insert the serial number and filing date of this application in the spaces that follow:

Serial Number: 09/944,757, Filing Date: 8/31/2001

This assignment executed on the dates indicated below.		
LUC DE CEULAER		
Name of first or sole inventor	Execution date of U.S. Patent Application	
Nofter Puttenlaan 14, B-1700 Dilbeek, Belgium		
Residence of first or sole inventor	x 17 September 2001	
Signature of first or sole inventor	Date of this assignment	
KAZUTO MUGURA		
Name of second inventor	Execution date of U.S. Patent Application	
24 Regency Court, 55 Hartfield Re	oad, Wimbledon, SW19 3SF, United Kingdom	
Residence of second inventor		
Signature of second inventor	Date of this assignment	
ANDRE HEUGEBAERT		
Name of third inventor	Execution date of U.S. Patent Application	
10 Rue de 1ºEcole, B-1325 Chaumont-Gistoux, Belgium		
Residence of third inventor	X 18 restente 2001	
Signature of third inventor	Date of this assignment	

LAURENT VABOQUESTAL	
Name of fourth inventor	Execution date of U.S. Patent Application
Avenue des croix de l'Yser 5,	Neder-Over-Hembeek, Belgium
Residence of fourth inventor	
& Varboquelet	X 109/01
Signature of fourth inventor	Date of this assignment
GÉRT COPEJANS	
Name of fifth inventor	Execution date of U.S. Patent Application
Oever 38, B-2630 Aartselaar,	Belgium
Residence of fifth inventor	
X //	Date of this assignment
Signature of fifth inventor	Date of this assignment
-	
Name of sixth inventor	Execution date of U.S. Patent Application

Residence of sixth inventor	
Signature of sixth inventor	Date of this assignment
Name of seventh inventor	Execution date of U.S. Patent Application
Residence of seventh inventor	
Signature of seventh inventor	Date of this assignment
Name of eighth inventor	Execution date of U.S. Patent Application
Residence of eighth inventor	
Signature of eighth inventor	Date of this assignment
Name of ninth inventor	Execution date of U.S. Patent Application
Residence of ninth inventor	
Signature of minth inventor	Date of this assignment

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FLH File No. 03516

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said invention, said application disclosing the United States and in any and all foreign countries, protection which may be granted therefor in the United States and in any and all foreign countries, protection which may be granted therefor in the United States and one Dollar (\$1.00), and other good and valuable NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, as a sole or joint inventor as indicated consideration, the receipt and sufficiency of which are hereby acknowledged, I, as a sole or joint inventor as indicated consideration, the receipt and sufficiency of which the said invention, and tegal below, by these presents do hereby assign, sell and transfer unto the said invention, and countries foreign thereto, and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, and continuations thereof, and in and to any and all priority rights and/or convention rights under the which may be granted for said invention, and in and to any and all priority rights and/or convention rights under the which may be granted for said invention, and in and to any and all priority rights and/or convention rights under the which may be granted for said invention, and in and to any and all priority rights and/or convention rights under the which may be granted for said invention, and in and to any and all priority rights and/or convention rights under the which may be granted for said invention, and in and to any and all priority rights and/or convention rights under the which may be granted for said invention of Industrial Property, Inter-American Convention Relating to Patents, International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, and Industrial Industria

And I further agree to execute all necessary or desirable and lawful future documents, including issignments in favor of ASSIGNEE or its designee, as ASSIGNEE or its successors, assigns and legal representatives may modifications, and improvements in said invention, applications and Letters Patent of the United States and countries

And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters patent which may be granted for my aforesaid invention, as the ASSIGNEE thereof shall hereafter require and prepare at its own expense;

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Serial Number: 09/944,757, Filing Date: 8/31/2001

Signature of third inventor

This assignment executed on the dates indicated below

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LUC DE CEULAER	
Name of first or sole inventor	Execution date of U.S. Patent Application
Hofter Puttenlaan 14, B-1700 Dilbeek, Belgium	to or other research Apprication
Residence of first or sole inventor	
ignature of first or sole inventor	Date of this assignment
AZUTO MUGURA	
ame of second inventor	Execution date of U.S. Patent Application
24 Regency Court, 55 Hartfield R	oad, Wimbledon, SW19 3SF, United Kingdom
esidence of second inventor	
Kozato Mugura/	x //Sep., 200/ x
ignature of second inventor	Date of this assignment
IDRÉ HEUGEBAERT	
me of third inventor	Execution date of U.S. Patent Application
Rue de l'Ecole, B-1325 Chaumont-Gistoux, Belgium	
sidence of third inventor	COPY ONLY
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Date of this assignment

LAURENT VABOQUESTAL	
Name of fourth inventor	Execution date of U.S. Patent Application
Avenue des croix de l'Yser 5	, Neder-Over-Hembeek, Belgium
Residence of fourth inventor	
Signature of fourth inventor	Date of this assignment
GERT COPEJANS	
Name of fifth inventor	Execution date of U.S. Patent Application
Oever 38, B-2630 Aartselaar	, Belgium
Residence of fifth inventor	
cionature of fifth inventor	Date of this assignment
Name of sixth inventor	Execution date of U.S. Patent Application
Residence of sixth inventor	
Signature of sixth inventor	Date of this assignment
Name of seventh inventor	Execution date of U.S. Patent Application
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